

8-6-04

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JSW

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/030,729  
Applicant: : Hill et al.  
Filed: : June 20, 2002  
Group Art Unit : 1646  
Examiner: : J. Murphy  
For: Genetic Sequences Encoding  
Steroid and Juvenile Hormone  
Receptor Polypeptides and Uses  
Therefor  
Docket No. : 53-99A  
Customer No. : 23713

Confirmation No.: 8254

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 <u>EV 456 658 050 US</u>	
On <u>8/4/04</u>	<u>L Murray</u> Lea Murray

## SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to the Information Disclosure Statement filed July 17, 2003, the Examiner is respectfully requested to consider the additional references, copies enclosed, which may qualify as prior art. For the Examiner's Convenience, the references are listed on the attached Patent and Trademark Office Form PTO-1449.

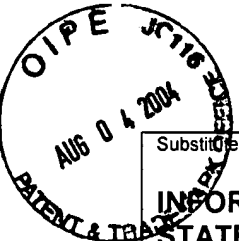
This information is cited in a spirit of forthrightness and cooperation to enable the applicants to obtain that measure of protection for the invention to which there is entitlement. However, no representation is made that the listed art actually qualifies as prior art under the patent statute and the mere use of PTO-1449 is not an admission that all listed references are prior art. No representation is made that applicants know of the best art.

It is believed this submission does not require the payment of a fee as it is being submitted prior to the issuance of an Office Action on the merits of the application. If this is incorrect, please deduct the appropriate fee from deposit account no. 07-1969.

Respectfully submitted,

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Attorney Docket No. 53-99A  
lem:August 4, 2004



Substitute for form 1449/PTO, based on PTO/SB/08A and 08B  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Application Number	10/030,729
	Filing Date	June 20, 2002
	First Named Inventor	Hill
	Art Unit	1646
	Examiner Name	J. Murphy
	Attorney Docket Number	53-99A

### U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)

### FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	Foreign Patent Document Number (include WIPO country code )	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T <sup>2</sup>

### NON-PATENT LITERATURE DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	REFERENCE	T <sup>2</sup>
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		Halling, B.P. et al. (July 1999), "Expression and Purification of the Hormone Binding Domain of the <i>Drosophila</i> Ecdysone and Ultraspiracle Receptors," Protein Expression Purification 17:373-386	
		Hannan, G.N. and Hill, R.J. (June 2001), " <i>Lcusp</i> , an <i>ultraspiracle</i> gene from the sheep blowfly, <i>Lucilia cuprina</i> : cDNA cloning, developmental expression of RNA and confirmation of function," Insect Biochem. Mol. Biol. 31:771-781	
		Li, Ch et al. (March 1997), "Coexpression of nuclear receptor partners increases their solubility and biological activities," Proc. Natl. Acad. Sci. USA 94:2278-2283	
		Palli, S.R. et al. (Feb. 1999), "Biochemical and biological mode of action of ecdysone agonists on the spruce budworm," Pestic. Sci. 55:633-675	
		Perera, S.C. et al. (pub. on-line May1999), "An Analysis of Ecdysone Receptor Domains Required for Heterodimerization With Ultraspiracle," Arch. Insect Biochem. Physiol 41:61-70	
		Tzertzinis, G. et al. (1994), "BmCF1, a Bombyx mori RXR-type Receptor Related to the <i>Drosophila</i> ultraspiracle," J. Mol. Biol. 238:479-486	
		Yao, T-P. et al. (Oct. 1992), " <i>Drosophila</i> ultraspiracle Modulates Ecdysone Receptor Function via Heterodimer Formation," Cell 71:63-72	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here or "x" if English language Translation is attached.